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REMARKS:

Summary of Remarks

Applicant has canceled Claims 1-6 and replaced them with Claims 7-9 in order to incorporate suggestions by Office Action and, in order to clarify and correct objections to claims. Claims 7-9 are apparatus claims while Claim 10 is a method claim.

1. Office Action objected to Claims 4 and 6 because there were periods used in the middle of the claim.

Applicant has corrected this error.

2. Office Action objected to Claim 4 because the claim fails to specify how the green speed setting means is used to estimate the speed. Additional details are needed so that one can determine exactly how speed is estimated based on the green speed setting.

The green speed setting means is a user interface selector that allows the golfer to indicate the "speed" of the green that is to be simulated for his/her putt. In golf terminology, although it contains the word "speed", "green speed" is actually an indication of the frictional characteristics of a green. Stimp units indicate green speed and are related to an equivalent coefficient of friction by $u = .611/\text{Stimp}$ (as described in the Specification). Therefore, "speed" (of the golf ball) is not estimated by the green speed setting means. The green speed setting means is converted to an equivalent coefficient of friction and is used in the rolling golf ball distance estimate. However, in order to further clarify the relation of the green speed setting means to the estimate of rolling golf ball distance, a

reference in Claim 7 has been added relating coefficient of friction to the green speed setting means.

3. Office Action objected to Claims 4 and 5 because the claim fails to specify how the estimated speed and putting distance are determined.

Applicant has added a detailed explanation in Claims 7 and 8 of how the speed of the rolling golf ball is estimated from the doppler speed measurement period values stored in the circular memory buffer. A detailed explanation has been added in the claims of how the estimated speed and green speed setting are used to estimate the golf ball rolling distance.

4. Office Action objected to Claim 6 because of the terminology "golfer of minimal skill." Examiner suggests that this terminology be removed.

Applicant has deleted the term, "golfer of minimal skill".

5. Office Action objected to Claim 6 because the claim fails to specify how the estimated speed and putting distance are determined. Terminology such as "processing the set of... and arriving at an estimated golf ball rolling distance," will not suffice... Applicant is encouraged to be as specific as possible regarding claimed limitations.

Applicant has added a detailed explanation in Claim 10 of how the speed of the rolling golf ball is estimated from the doppler speed measurement period values stored in the circular memory buffer. A detailed explanation has been added in the claim of how the estimated speed and green speed setting are used to estimate the golf ball rolling distance.